

ICS 209 (Oil Spill) - Incident Status Summary										Version Name: 20200106 @ 1700							
Incident Name: South 4 Group Fire										Period: Period 16 [12/19/2019 06:00 - 01/31/2020 06:00]							
Spill Status (Estimated)										Equipment Resources							
Source Status		Remaining potential		151,740		Kind		Ordered	Available	Assigned	Out-Of-Service	Total Count					
SECURED		Rate of spillage		0 barrel(s)		Air Monitor - MultiRAE		0	0	73	0	73					
		Volumes measured in		barrel(s)		Air Monitor - UltraRAE		0	5	43	0	48					
		Since Last Report		Total		Boom		0	1	2,000	0	2,001					
Total Volume Spilled		0		999		Fire Fighting Foam		0	0	0	0	0					
Mass Balance (Estimated)										Volumes in gallon(s)							
Recovered Material (Liquid)		15,000		76,500		Jon Boat		0	0	3	1	4					
Foam		0		1,320		Pumps		2	16	17	0	35					
Combusted Material (bbl)		0		48,970		Response Boat		0	0	0	0	0					
Waste (Estimated)										Skimmer			0	17	1	0	18
Type		Recovered	Stored	Disposed	UOM	Sorbent: Boom		0	50	8,350	0	8,400					
Sorbent: Boom		13,720			Feet	UTV		7	8	25	0	40					
Debris		1,329			Bags	Vacuum Truck		0	0	6	0	6					
Liquid		230,030			gallon (s)	Vehicle		10	18	154	0	182					
						Viscous Sweep		0	0	201	0	201					
Shoreline Impacts										Distances measured in mile(s)							
Degree of Oiling		Affected	Cleaned	Remaining to be Cleaned		Organization		People in the Field	People in Cmd. Post	Total People On Scene							
						Other		4	0	4							
Wildlife Impacts										Personnel Resources							
					Died In Facility		Federal		0	0	0						
Type	Captured	Cleaned	Released	DOA	Euth.	Other	State		1	1	2						
Fish Above 3"	0	0	0	68	0	0	Local		12	1	13						
Bird	0	0	0	0	0	0	RP		130	43	173						
Mammal	0	0	0	0	0	0	Contract Personnel		512	52	564						
Reptile	0	0	0	1	0	0	Totals		659	97	756						
2-3" Fish	0	0	0	2,000	0	0	Special Notes										
Blue Crab	0	0	0	18	0	0	Active Fires: Per B. Jaschek at EOC - NO FIRES as of 1/4/2020										
Pig				2			Notes:										
Turtle				1			*Spilled material based on 98% destruction efficiency of the fire.										
Safety Status										NO CIR's							
Type		Amount since last report		Total Amount													
Public Injury		0		0													
Responder Injury		1		5													
Community Air Monitoring readings for Butadiene				44,100													
Community Air Readings for all analytes				123,000													
BD - Community Air Detections above action level				240													
VOC - Community Air Detections above action level				11													
ICS 209 (Oil Spill) - Incident Status Summary										Prepared By Planning Section, Updated 01/07/2020 22:08 UTC -6: PP							
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Safety Status					
<i>Type</i>	<i>Amount since last report</i>	<i>Total Amount</i>			
Community Air Monitoring readings for VOC		44,400			
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Daily Summary – TPC Port Neches South 4 Group Fire 1/6/2020

The waterway has now transitioned to Maintenance and Monitoring Mode

Shoreline Impacts	Assessed, miles	In Remediation, miles	Sign Off
No Oil Observed	4.96		4.96
Light Oil	1.05		1.05
SCAT Recommends No Further Treatment	2.58		2.58

- A CIR Notification was issued 1/6 to provide notification that the dock flare was to be lit in the afternoon to prepare equipment for the de-inventory process equipment for initiating the site de-inventory process.
- The de-inventory process is expected to begin this week, as early as Wednesday
- Fires remained out.
- No new leaks were identified.
- Meetings continue to progress with SRS to address Block 5 leaks.
- There were no BD or VOC readings above detection levels. Community air monitoring for Butadiene and VOC continues to be performed 24/7 within the ½-mile radius of the site.
- Monitoring performed on the schools – No detects.
- Water continues to be sprayed on 2 areas to help reduce concentrations of butadiene within the work zone. The flow has been reduced to 2000 gpm.
- Progress on 1/6:
 - The Technical Team is focusing on plans for de-inventorying the site
 - The Nitrogen Header purging was completed.
 - Dock line was dried out after hydrotest.
 - Sensitive Equipment decontamination station was completed.
 - Decontamination Liaison position established to coordinate priorities and decontamination work that is being done.
 - Teams performed walk through to evaluate the piping leaks.
- Work Zone recovery of PACM/ACM material continued. Wipe tests were collected per the Building ACM Plan.
- There was no DEHA injection on 1/6.
- The drone flew routine routes observing the waterways and performing the daily tank inventory. There were no issues identified.
- The following table provides a list of ongoing leaks have been identified on lines associated with the following:

Tank Number/Equipment Type	Material in Tank	Component Involved	Repaired
39	Raffinate	Flange on line east of sphere 39	
40	Raffinate	Tubing valve	12/14/2019
36	High Butane Raffinate	Flange on tank	
33	High Butane Raffinate	Tubing fitting. Leak under tank not accessible.	
35	High Butane Raffinate	Tubing leak	
90 & 91	High Purity Butadiene	Leak on common suction line, 092 that runs N to S	
26	Crude C4	Line leak, attempted repair with clamp	12/14/2019
30	Water and NMP Solvent	Tubing fitting	12/13/2019
219	MTBE	Vacuum Breaker, Intermittent	

Tank Number/Equipment Type	Material in Tank	Component Involved	Repaired
2" Flange SE corner of block 10	Assumed BD	Flange	1/1/2020
6" valve at block 5 on 3 rd street	Raff	Valve	12/17/2019
Tank 42 Relief Valve	Raff	Relief Valve	
2-Six-inch line leaks where Tank 34	Raffinate, High BD	Line Leak	
1-6" Line (originally thought to be 2-10" lines to process compressor)	High BD concentration,	Damaged piping	
Tank 220	MTBE	Vacuum Breaker	
3" Line in Block 5	Assumed BD	Line Leak	
3" flange SW of 33tk on 2 nd St.	Assumed BD	Flange	
Sphere 38	Polyblend	Telltale Line	

- The Outfall Canal remains in Monitoring and Maintenance mode. The water remained 12' below the weir.

Upcoming Activities

- Preparations for beginning to transfer material to the dock.
- Monitoring of the schools resumed 1/6. Monitoring will continue this week. The area will continue to be monitored as part of the 1/2 -mile radius Air Monitoring Plan.
- The Potential Asbestos Containing Material (PACM) Cleanup Team continues collecting material found on the ground, per the approved plan. They will continue the work but will not remediate the area or disturb the evidence. The teams started at the north end of the site and have completed the removal from several blocks. Material will continue to be removed in a planned manner until the whole site has been completed.
- The Technical Teams continue to develop and review the plans to ultimately de-inventory equipment at the site.

Health and Safety

- No safety issues.

Water Effluent

- Status of 201: 1' below the weir.
- GPM to JWWTP: 2000

Water Testing:

- A cumulative water sampling summary for CTEH activities since November 27, 2019 and surface water/drinking water sample results received as of January 2, 2020 was submitted 1/4. It was distributed to the agencies and other stakeholders.

Wildlife Report

- There were no Wildlife reports on 1/6/2020.

Recovery Operations

- Routine monitoring.

SCAT Report

- Maintenance and Monitoring Plan is in effect.

Waste

Waste removed:

- The trash Roll off at the main gate
- ~ 5,000 gal of the API separator waste was Shipped on 1/6

Profiles are being finalized and disposal options identified for the waste that has been collected outside of the site.

Gallons	Frac Tanks (20,000 gallons capacity)	# Of Tanks Used
177,500	Liquids from outfall canal skimming	9
10,000	Water and hydrocarbons from south separator	.5
30,000	Latex-laden Wastewater from LION	1.5
15,000 10,000	Hydrocarbons from API Separator	0.75
250	Wash Water from decon at Vallen Trailer	0.1
10,000	Liquids from Second Street Ditch	0.5
	Empty Available and Staged	5
235,250	Totals	19

CYD's	Roll Off Boxes (25 CYD's capacity)	# Of Boxes Used
225	Hydrocarbon Debris and Sorbents from Canal	11
225	Totals	11

Empty available and staged (requested 4 more) 2

CYD's	Potential Asbestos Containing Material (PACM)	# Of Boxes Used
12.5	Material from 201 outfall and south separator	0.5
30	Motiva (1-full, 1-in use)	2
6.25	Joint Waste Water	1
48.75	Totals	4

	Other	
	Routine Plant Trash (Garbage)	1 0
	Dirty Containment Boom waiting on decon	0

Worksite Air Monitoring

During this reporting period, all detections above the site-specific action levels were investigated as outlined in the SAP approved by UC. No detections of benzene or %LEL were observed within the work area during this reporting period.

Community Air Monitoring

Please note: Air monitoring samples will continue to be collected, but analytical results will be reported once per week on Monday.

Asbestos Monitoring

Community Updated 1/5

- Wipe samples: Twenty-one of the 397 samples collected have been positive for asbestos
- Bulk Sampling: 200 of 454 samples tested positive for asbestos

Air Monitoring Sampling Results

Community

The analytical information below represents data updated 1/6

Analytical	Detections	Samples Collected	Sample Stations
Volatile Organic Compounds (VOC)*	2*	631	54
Poly Aromatic Hydrocarbons (PAH)	2	476	28
Asbestos	0	1161	44

2* There were detectable amounts of VOC, but two were above the Texas Commission on Environmental Quality (TCEQ) 24-hour AMCV (430 ppb), however below the TCEQ short-term AMCV (1,700 ppb).

Community Assessments

Please reference the next page for this community assessment information.

Community Property Assessment Summary

303

Count of Industrial Debris Claims
Sampled

131

Count of Properties with Observed
Damage

247

Count of Properties with Observed
Debris

Community Property Assessment Summary - Jefferson

268

Count of Industrial Debris Claims
Sampled

124

Count of Properties with Observed
Damage

214

Count of Properties with Observed
Debris

Community Property Assessment Summary - Orange

35

Count of Industrial Debris Claims
Sampled

7

Count of Properties with Observed
Damage

33

Count of Properties with Observed
Debris

Completed Property Assessments Property Type Sum

Type	# of Properties
Church	1
Commercial/Business	2
Industrial Facility	3
Multi-family Residence	3
Single Family Home	294
	303